

Ordering Information

Style	Type	Mounting	Length	Total Lamps	Color	Ballast & Voltage
CD7	4				WH	
	4 = Direct/Indirect Lens	2 = Cable 3 = Stem 4 = Wall	4 = 4-foot 8 = 8-foot	3 = 3-Lamp T8 per fixture (4' fixture) 6 = 6-Lamp T8 per fixture (8' fixture)	White	E81 = T8 Electronic 120V E82 = T8 Electronic 277V HD1 = T8 Electronic PowerSpec® HDF Dimming 120V HD2 = T8 Electronic PowerSpec® HDF Dimming 277V M71 = T8 Electronic Dimming Ballast 120V M72 = T8 Electronic Dimming Ballast 277V

Complete ordering instructions below.

For all fixtures represented in this family please refer to the brochure and/or additional specification sheets.

Features

- Housing:** Extruded aluminum. Die-cast end cap mechanically attached with no exposed fasteners. Concealed access holes in end plate for through wiring.
- Lamping:** Three T8 32 watt fluorescent lamps, as specified. Provided by others.
- Reflector:** Accurate parabolic-shaped, die-formed semi-specular anodized aluminum reflector with 36° shielding crosswise.
- Lens:** Extruded 100% acrylic clear debossed prismatic lens.

Electrical

Specify 120 volt or 277 volt. 3 conductor, 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting, consult factory. Rapid start, HPF, class "P" thermally protected. PowerSpec HDF dimming ballast is available. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load with out turning the entire circuit off.

Mountings

Cable Suspension (not shown) - 1-1/2" (3.81cm) and 4-1/2" (11.43cm) diameter flat canopy finished enamel white, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm), adjustable cable gripper.

Stem Mounting (not shown) - 4-1/2" (11.43cm) diameter flat canopy, 1/2" (1.27cm) diameter rigid-mounted stem. White finish. Can be cut to length on job. Self-aligning swivel provides adjustability up to 42° of slopes.

Wall Mounting (not shown) - consult factory for availability.

Finish

Powder coated baked white enamel. Custom colors available, consult factory.

Options and Accessories

Emergency batteries available.

Ordering Instructions

Individual Fixtures:

- Order number of FIXTURES (fixture comes complete with end caps, mounting hardware and power feeds).

Continuous Rows:

- Determine run length.
- Order the appropriate number of FIXTURES for the complete run. Fixtures can be bolted together and through wired to complete long runs.

Labels

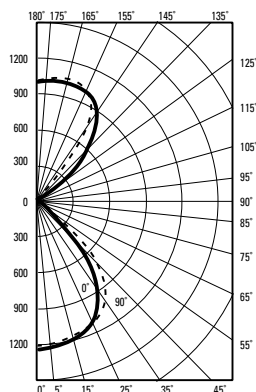
UL, cUL and I.B.E.W.

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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Performance and Quick Calculators

CANDLEPOWER CURVE



REPORT NO: LRL 496-1D
LAMP: 3-32W T8
LUMENS: 2900
EFFICIENCY: 83.6%

CANDLEPOWER

ZONE DEG.	0	22	45	67	90
180	1286	1286	1286	1286	1286
175	1289	1289	1291	1284	1284
165	1272	1269	1263	1262	1255
155	1200	1185	1200	1233	1244
145	1064	1064	1117	1191	1210
135	855	877	968	1030	1031
125	680	730	808	815	801
115	434	517	515	473	460
105	222	271	242	221	218
95	42	52	42	43	44
90	0	0	0	0	0
85	30	37	31	35	28
75	72	119	63	100	78
65	110	215	177	166	108
55	368	433	413	357	276
45	897	847	747	691	666
35	1284	1275	1256	1214	1203
25	1477	1464	1471	1482	1485
15	1594	1590	1590	1584	1568
5	1632	1623	1631	1626	1626
0	1632	1632	1632	1632	1632

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

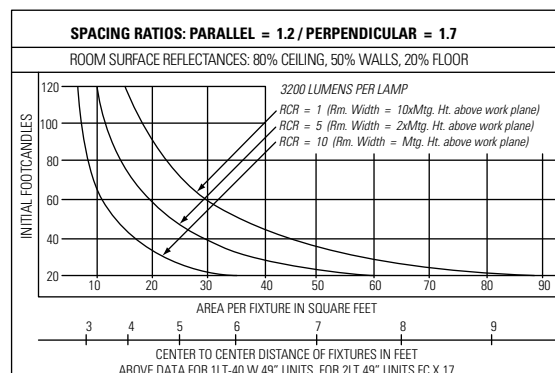
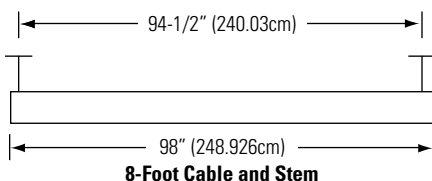
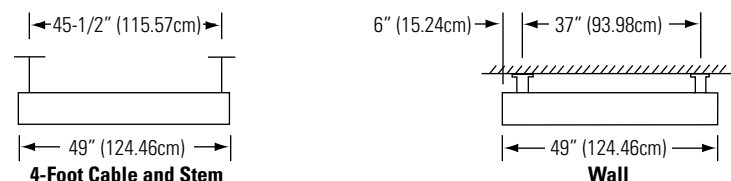
		80			70			50		
		% WALL REFLECTANCE								
		50	30	10	50	30	10	50	30	10
ROOM CAVITY RATIO	0	89	89	89	81	81	81	68	68	68
	1	79	76	73	72	70	68	61	59	57
	2	70	66	62	65	61	58	55	52	50
	3	63	58	54	59	54	50	50	47	44
	4	57	51	47	53	48	44	45	41	39
	5	51	45	41	48	43	39	41	37	34
	6	47	41	36	43	38	34	38	33	30
	7	42	36	32	40	34	30	34	30	27
	8	39	33	28	36	31	27	31	27	24
	9	35	29	25	33	28	24	29	25	22
	10	31	26	22	29	24	21	26	21	19
20% FLOOR CAVITY REFLECTANCE										

20% FLOOR CAVITY REFLECTANCE

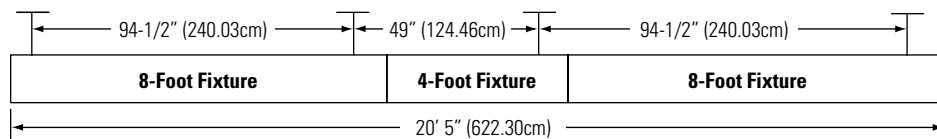
ZONAL LUMEN SUMMARY

ZONE	LUMENS	% BARE LAMP	% LUMINAIRE
90-180	3968	45.6	54.6
0-90	3303	38.0	45.4
0-180	7271	83.6	100.0

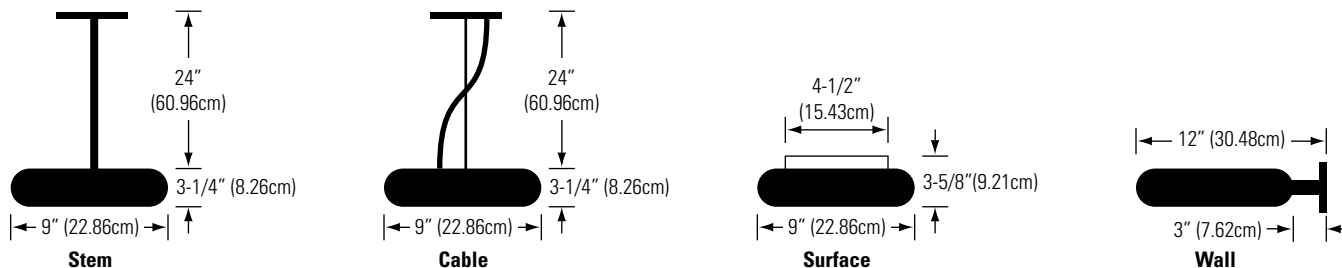
Fixture Lengths & Mounting Locations



Sample Run



Mounting Details



Job Information

Type:

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